... RC PCT/PTO 15 OCT 2004

PATENT COOPERATION TREATY

REC'D **0 3 AUG 2004**WIPO PCT

PCT

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Artcle 36 and Rule 70)

Applicant's or agent's file reference		SeeMotificatio	onofTransmittalofInternation	alPreliminary
PCT-033	FOR FURTHER ACTION	Examination I	Report (Form PCT/IPEA/416	0)
International application No.	International filing date(day/mo		Priority date (day/month/ye	
PCT/KR2003/000749	14 APRIL 2003 (14.04.2		16 APRIL 2002 (16.04.20	102)
International Patent Classification (IPC)	or national classification and IP	C		ļ
IPC7 C08L 25/06, C08L 71/02, C	208L 55/02, C08K 5/521, C0	8L 25/10		
Applicant				
CHEIL INDUSTRIES INC.	t al			
This international preliminary e and is transmitted to the applican	xamination report has been prepart according to Article 36.	ared by this Inte	rnational Preliminary Exami	ning Authority
2. This REPORT consists of a total	of sheets, inclu	ding this cover sl	heet.	
amended and are the basis	panied by ANNEXES, i.e., sheets for this report and/or sheets con the Administrative Instructions un	ntaining rectificat	on, claims and/or drawings vions made before this Auth	which have been nority (see Rule
These annexes consist of a tota	ofsheets.			
3. This report contains indications	relating to the following items:			
I X Basis of the report	•			i
II Priority				
III Non-establishmen	t of opinion with regard to novelt	y, inventive step	and industrial applicability	
IV Lack of unity of it	vention	•		
citations and expla	ent under Article 35(2) with regar anations supporting such statemer		entive step or industrial appli	cability;
VI Certain document	s cited			
VII Certain defects in	the international application			
VIII Certain observation	ons on the international applicatio	n		
Date of submission of the demand	Dat	te of completion of	of this report	
06 NOVEMBER 2003 (06.11	.2003)	26 JULY 20	004 (26.07.2004)	
Name and mailing address of the IPE	A/KR Au	thorized officer		The same
Korean Intellectual Prope 920 Dunsan-dong, Seo-g Republic of Korea	erty Office	LEE, Ha Yeor	ı	
Facsimile No. 82-42-472-7140	Tel	lephone No. 82-	42-481-5537	

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International aplication No.

PCT/KR2003/000749

I.	Basis	of the report	
1.	With	regard to the elements of the international application:*	
	X	the international application as originally filed	
		the description:	as a sisinally filed
		pagespages	, as originally filed , filed with the demand
		pages, filed with the letter of	,
		the claims:	
	ш	pages	, as originally filed
		pages , as amended (together with any	, filed with the demand
		pages, filed with the letter of	
		the drawings:	
		pages	, as originally filed
		pages, filed with the letter of	, filed with the demand
	\Box	the sequence listing part of the description:	
	لبيا	pages	, as originally filed
		pages, filed with the letter of	, filed with the demand
		pages, filed whill the fetter of	
2.	the	the regard to the language, all the elements marked above were available or furnished to this Authority in the following languageEnglished to this Authority in the following languageEnglished the language of a translation furnished for the purposes of international search (under Rule 23 the language of publication of the international application (under Rule 48.3(b)). The language of the translation furnished for the purposes of international preliminary examination of the international preliminary examinations.	sh which is .1(b)).
3.		th regard to any nucleotide and/or amino acid sequence disclosed in the international appl liminary examination was carried out on the basis of the sequence listing:	ication, the international
	님	contained in the international application in written form.	
		filed together with the international application in computer readable form. furnished subsequently to this Authority in written form.	
	Ш	furnished subsequently to this Authority in computer readable form	wond the disc logure in the
		The statement that the subsequently furnished written sequence listing does not go be international applicationas as filed has been furnished.	syond the disc losure in the
		The statement that the information recorded in computer readable form is identical to the been furnished.	written sequence listing has
4.		The amendments have resulted in the cancellation of:	
		the description, pages	
		the claims, Nos.	
		the drawings, sheet	
5.		This report has been established as if (some of) the amendments had not been made, since go beyond the disclosure as filed, as indicated in the Supplemental Box(Rule 70.2(c)).**	they have been considered to
*	in th	acement sheets which have been furnished to the receiving Office in response to an invitation w is opinion as "originally filed." and are not annexed to this report since they do not contain 70.17).	nder Article 14 are referred to amendments (Rules 70.16
*	* Any	replacement sheet containing such amendments must be referred to under item I and annexed t	o this report.

INTERNATIONAL PRELIMINARY EXAMINATION

International aplication No.
PCT/KR2003/000749

٠.	Statement			
	Novelty (N)	Claims	1-8 YE	
		Claims	NO	
	Inventive step (IS)	Claims	1-8 YE	
		Claims	NC	
	Industrial applicability (IA)	Claims	<u>1-8</u>	
		Claims	NO	
<u>-</u>	Citations and explanations (R	ule 70.7)		
	Reference is made to the	followi	ng documents:	
	D1: US 4599380 A			
	D2: KR 2001-0107434 A D3: EP 359469 A2			
	D4: KR 2001-0055739 A D5: JP 09-183886 A			
	D6: JP 09-137032 A D7: JP 08-259796 A			
	51			
			application relates to a thermoplastic and flame retardant re-	
	·		per modified styrene-based resin which consists of 0.1~8 w	
			sed resin and polyphenylene ether resin are regarded as basic res	
	and phosphoric acid e	ester.		
	rubber modified resin. of acrylonitrile which is the present invention,	a polyphenylene ether resin composition containing polyphenylene ether resin and resin. Some compared examples use rubber modified resin containing the weight which is the same as the present invention. It is used as a basic resin differing from vention, and the ingredients of the total weight of acrylonitrile and resin composition hus there are differences in the components.		
	acrylonitrile and fire re	etardant	per modified styrene-based resin which consists of 0.1~8 wt% resin composition which contains the ingredients of the compositoresent invention. In addition, the effects of the difference produces	
	further differences. The	nerefore	, Claim 1 of the present invention is considered to be novel and meets the requirement of Article 32(2) and (3) PCT.	